

## ERRATA SHEET NO. 1 (for Electronics Technicians)

Engineering Division

W/OSO321:BGM

Errata to ASOS Modification Note 3 dated April 16, 1993

**GENERAL**

This errata sheet provides additional installation instruction for a label to be affixed to the Setra pressure sensor.

**PROCEDURE**

Make a pen-ink change to page 1 of the modification note. Add to **PARTS REQUIRED:**  
**Label, QTY 2.**

Remove the copy of the Field Mod. Kit (FMK) attached to the modification note and replace it with the copy attached to this sheet.

**EFFECT ON OTHER INSTRUCTIONS**

None.

J. Michael St. Clair  
Chief, Engineering Division

Attachment

W/OSO321:BGM:sol:5/7/93:rhz:5/11/93  
EHB-11 disk, "ERRATA.H11  
WP5.1 speller

SID \_\_\_\_\_

FMK 027

ASOS FIELD MOD KIT (FMK)

CONTRACT 50-SANW-1-00050

UPON COMPLETION OF MOD, COMPLETE LOWER SECTION  
OF THIS SHEET AND RETURN TO:

AAI SYSTEMS MANAGEMENT INC.  
11101 GILROY ROAD  
HUNT VALLEY, MD. 21030-1108

NOTE: MAKE A COPY FOR ON-SITE RECORDS

Date Prepared: 09/24/92 Task Order/ECP: E92SM05FO40 ECN No: 19316

Part Numbers Affected: 62828-90110-10 SETRA MODEL 470

Documentation Included: SETRA Installation instructions and SMI ECN 19316

Description of Change: This FMK includes parts and instructions to install an external threshold detector on each Pressure Sensor located in the RF/Pressure tray in the ACU cabinet. This change will affect class I ASOS systems only.

Parts Included: Threshold Detector P/N 347501 QTY. 2  
Ty-strap P/N TY25M QTY. 1  
Label N/A QTY. 2

QA Concurrence With FMK:

Date Modification Complete:

Part Removed Serial#

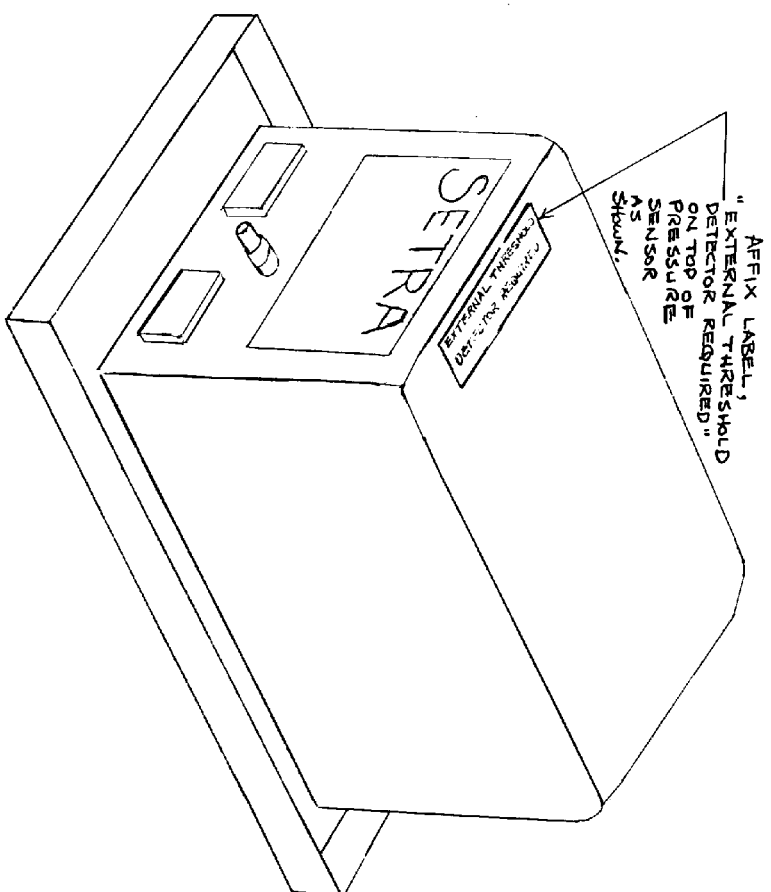
Part Installed Serial#

Person Completing Modification:

Were FMK Instructions clear/concise: Y / N (circle)  
Was FMK complete (parts, drawings, etc.): Y / N (circle)  
If NO please comment (use back of form if needed):

## Installation Instructions

1. At the ACU RF/Pressure tray, locate the 4-port pressure tubing coupler and cut the ty-strap securing it in place.
2. Relocate holes for tubing coupler. Refer to ECN 19316 (sheet 2) for hole size and location. Restrap the coupler in the new position.
3. Install the Setra external threshold detector (part number 347501) per Setra installation instructions.
4. Secure RF/Pressure tray in the ACU cabinet and verify sensor is operational. (The sensor will resume reporting within 10 minutes.)
5. Affix label "EXTERNAL THRESHOLD DETECTOR REQUIRED" per Figure 1.



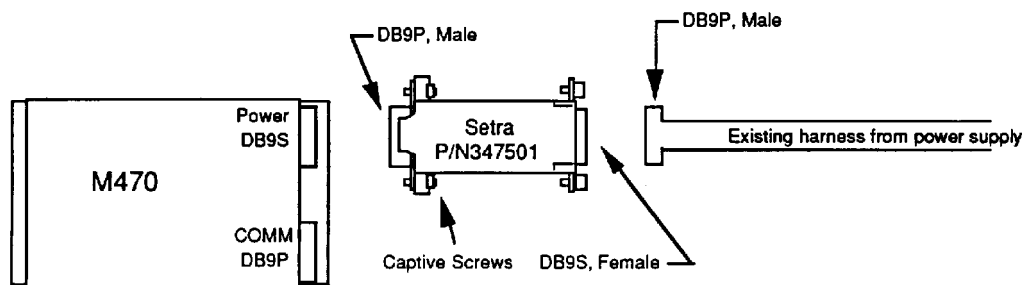
AFIX LABEL,  
"EXTERNAL THRESHOLD  
DETECTOR REQUIRED"  
ON TOP OF  
PRESSURE  
SENSOR  
AS  
Shown.

Figure 1

Setra Part Number 347501

## External Threshold Detector for Setra Model 470

This adapter module is installed in series between the Setra Model 470 and a 5 vdc regulated power supply.



1. Unplug the existing power supply harness from the M470 power connector.
2. Plug the 347501 module into the 470 power connector.
3. Tighten the captive screws on the module into the screw jacks on the M470.
4. Plug the existing power supply harness into the 347501 module.

This module contains a circuit which monitors the voltage level of the power supply. In the event of an under-voltage condition, this circuit shuts off the voltage supply to the 470 and does not turn it back on until the supply exceeds the threshold voltage, in order to ensure proper reset and startup.

